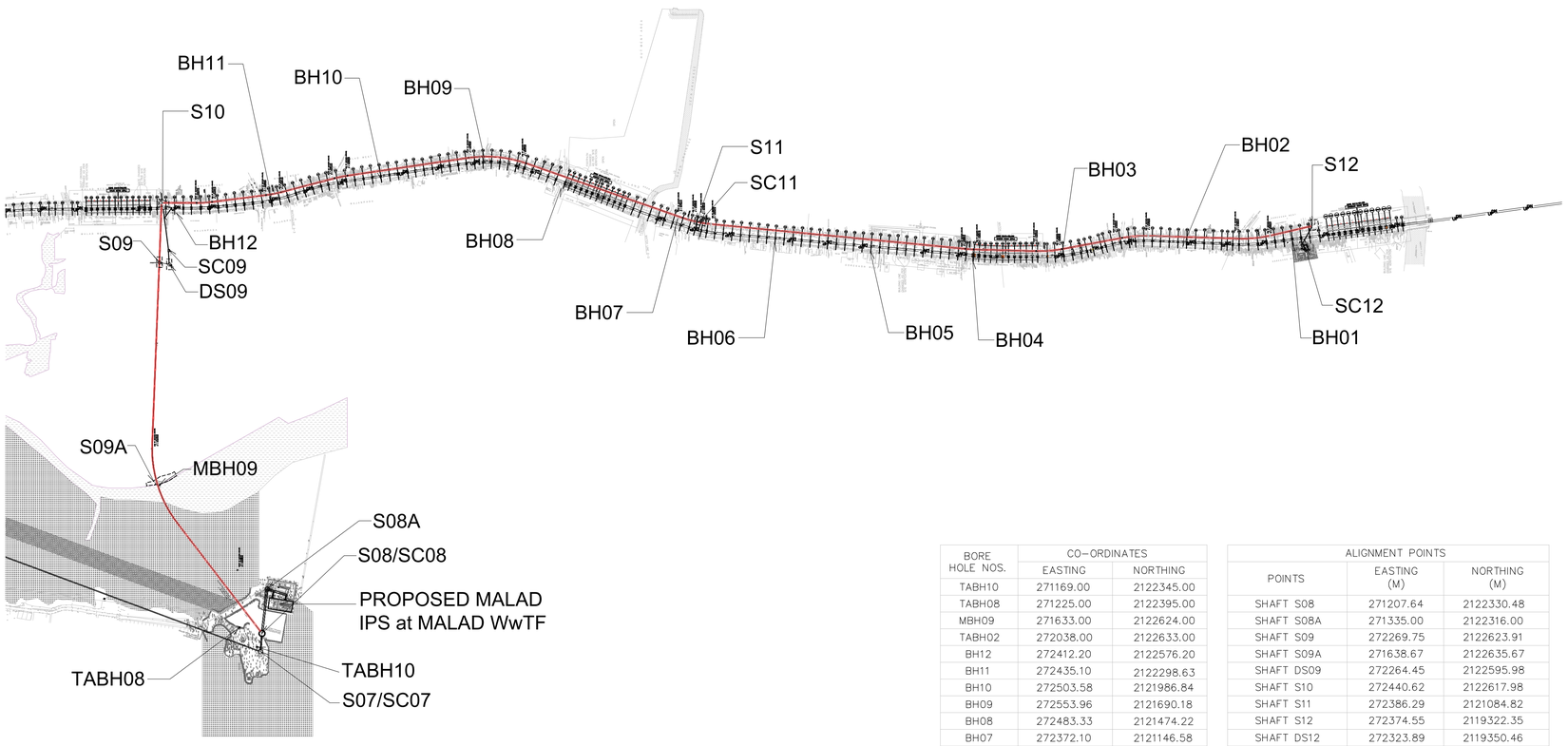
TITLE: PRIORITY SEWER TUNNEL – PHASE 2 (PST II)
KEY PLAN OF PERMANENT WORKS

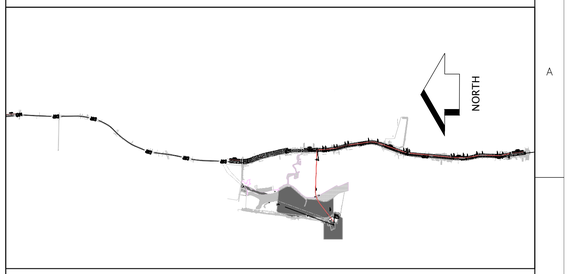
DWG NO TCE.10255A–CV–3057–LM–31002



BORE HOLE NOS.	CO–ORDINATES	
	EASTING	NORTHING
TABH10	271169.00	2122345.00
TABH08	271225.00	2122395.00
MBH09	271633.00	2122624.00
TABH02	272038.00	2122633.00
BH12	272412.20	2122576.20
BH11	272435.10	2122298.63
BH10	272503.58	2121986.84
BH09	272553.96	2121690.18
BH08	272483.33	2121474.22
BH07	272372.10	2121146.58
BH06	272327.65	2120861.52
BH05	272303.28	2120588.22
BH04	272275.61	2120294.78
BH03	272279.88	2120039.57
BH02	272315.24	2119692.75
BH01	272326.10	2119379.41

ALIGNMENT POINTS		
POINTS	EASTING (M)	NORTHING (M)
SHAFT S08	271207.64	2122330.48
SHAFT S08A	271335.00	2122316.00
SHAFT S09	272269.75	2122623.91
SHAFT S09A	271638.67	2122635.67
SHAFT DS09	272264.45	2122595.98
SHAFT S10	272440.62	2122617.98
SHAFT S11	272386.29	2121084.82
SHAFT S12	272374.55	2119322.35
SHAFT DS12	272323.89	2119350.46

KEY PLAN:



NOTES:
1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS OTHERWISE INDICATED.
2. ALL MANHOLE DETAILS ARE AS PER MCGM AVAILABLE RECORDS AND COMPLETION PLAN.
3. CONTRACTOR TO CONFIRM DIMENSIONS, ALL LEVELS AND LOCATIONS OF ALL EXISTING SERVICES AND STRUCTURES PRIOR TO COMMENCING CONSTRUCTION WORKS.
4. CO–ORDINATES ARE IN UTM 43 SYSTEM. CO–ORDINATES ARE ROUNDED TO METRE.
5. PERMANENT WORKS ARE TO BE CONSTRUCTED WHERE SHOWN.
6. DNA – DATA NOT AVAILABLE.
7. WORKING AREAS GIVEN ARE INDICATIVE ONLY. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE TRAFFIC POLICE.
8. AT THE EMPLOYER'S SITES THE EXISTING STRUCTURES TO BE DEMOLISHED SHALL BE DONE SO DOWN TO 2.0M BELOW GROUND LEVEL AND BACKFILLED WITH COMPACTED SELECTED EARTH OF 98% STANDARD PROCTOR DENSITY.
9. TUNNEL ALIGNMENT IS FOR INFORMATION ONLY. CONTRACTOR TO DETERMINE EXACT ALIGNMENT BETWEEN TUNNEL SHAFTS.

L E G E N D:–

- NALA
- MANGROVES
- UP / DN — METRO LINE
- PROPOSED PST–I (3200 ID SEWER TUNNEL) BY SEGMENTAL TUNNEL METHOD
- PROPOSED PST2 (2600 ID SEWER TUNNEL) BY SEGMENTAL TUNNEL METHOD
- PROPOSED SEWER LINE BY PIPE JACKING & PUSHING
- PROPOSED SEWER LINE BY OPEN EXCAVATION
- PROPOSED SEWER LINE BY MICRO TUNNELING

ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE
					CLEARED						
	SIGN.										
	INITIALS										
	REVISIONS										
	SIGN.										
	INITIALS										
	REVISIONS										
	SIGN.										
	INITIALS										
	REVISIONS										
P3	SIGN.										26–09–2022
	INITIALS	SS	HYM	YVJ	CB				PK	SVP	
	REVISIONS										
P2	SIGN.										05–11–2020
	INITIALS	MPW	HYM	YVJ	CB				PK	SVP	
	REVISIONS										
P1	SIGN.										08–04–2019
	INITIALS	MPW	HYM	YVJ	CB				PK	SVP	
	REVISIONS										
P0	SIGN.										04–08–2018
	INITIALS	MPW	HYM	YVJ	CB				PK	SVP	

TENDER PURPOSE ONLY

SCALE: NTS

'P' (PRELIMINARY) ISSUES ARE NOT TO BE USED FOR CONSTRUCTION / FABRICATION BUT ARE ISSUED FOR LIMITED PURPOSES ONLY AS INDICATED IN THE SMALL BLOCK ABOVE THIS BLOCK.

CONSTRUCTION / FABRICATION WORK IS PERMITTED ON 'R' (RELEASED) ISSUES ONLY.

INFORMATION CONTAINED WITHIN 'HOLD' IS NOT RELEASED FOR CONSTUCTION / FABRICATION. FIELD MUST GET DESIGN OFFICE TO CLEAR 'HOLDS' IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO 'HOLDS'.

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FILE NAME : TCE.10255A–CV–3057–LM–31002

MUMBAI SEWAGE DISPOSAL PROJECT

MUMBAI SEWAGE DISPOSAL PROJECT STAGE II–PRIORITY WORKS

PRIORITY SEWER TUNNEL – PHASE 2 (PST II)
KEY PLAN OF PERMANENT WORKS

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE : NTS
DC & DISC: MUM CV
DWG NO. TCE.10255A–CV–3057–LM–31002
ISSUE P3
SIZE–A1

FILE NAME: F–091–Rev–R0.dwg

TCE FORM NO. 091 R0